ABSTRACT OF THE DISCLOSURE

A bulk product melt system including a portable support platform positionable with respect to a bulk product source vessel. A water heating system is positioned with respect to the support platform and includes a water tank, which contains a volume of water heated to a selected process water temperature. A water flowmeter in control communication with the water tank monitors a water flowmeter rate of the heated water from the water tank. A mixing eductor in fluidic communication with the water tank receives the heated water at a controlled water flowmeter rate from the water tank. The portable bulk product melt system also includes a bulk product mixing system that is positioned with respect to the portable support platform and includes a bulk product receiver having an inlet portion in fluidic communication with an outlet of the bulk product source vessel and an outlet portion in fluidic communication with the mixing eductor. The bulk product receiver receives bulk product from the bulk product source vessel and discharges the bulk product into the mixing eductor through a continuous weigher. Within the mixing eductor, the bulk product is mixed with the heated water to produce a melted product mixture. The melted product mixture is discharged from the mixing eductor into an inlet of the bulk product source vessel in discharge communication with the mixing eductor.